

## Previous Leon Heller PDPA Publication Award Winners

Award Year	Name	Org	Name of Journal Article	Publication	Pub Year
2014	Adolfo del Campo (Winner)	T-4 / T-CNLS	"Shortcuts to Adiabaticity by Counterdiabatic Driving"	<i>Physical Review Letters</i>	2013
2012	Libin Rong (Winner)	T-6	"Rapid Emergence of Protease Inhibitor Resistance in Hepatitis C Virus"	<i>Science Translational Medicine</i>	2010
2010	Brian Munsky (Winner)	CCS-3 / B-9	"Listening to the Noise: Random Fluctuations Reveal Gene Network Parameters"	<i>Molecular Systems Biology</i>	2009
	Cristiano Nisoli (Honorable Mention)	T-4 / T-CNLS	"Thermally Induced Local Failures in Quasi-One-Dimensional Systems: Collapse in Carbon Nanotubes, Necking in Nanowires, and Opening of Bubbles in DNA"	<i>Phys. Rev. Letters</i>	2010
2008	Savvas Koushiappas, (Winner)	T-6/ISR-1	"Proper Motion of Gamma Rays from Microhalo Sources"	<i>Phys. Rev. Letters</i>	2006
	Pinaki Sengupta (Honorable Mention)	T-11/MPA-NHMFL	"Field-Induced Supersolid Phase in Spin-One Heisenberg Models"	<i>Phys. Rev. Letters</i>	2007
2006	Marisol Koslowski (Winner)	T-12	"Avalanches and Scaling in Plastic Deformation"	<i>Phys. Rev. Letters</i>	2004
	Hank Ashbaugh (Honorable Mention)	T-12	"Scaling-Particle Theory and the Length Scales of Hydro-Phobicity"	<i>Rev. of Modern Phys.</i>	2006
2004	Cristian Batista (Winner)	T-11	"Electronic Ferroelectricity in the Falicov-Kimball Model"	<i>Phys. Rev. Letters</i>	2002
	Ruy Ribiero (Honorable Mention)	T-10	"In Vivo Dynamics of T Cell Activation, Proliferation, and Death in HIV-1 Infection. Why are CD4' but not CD8' T cells depleted"	<i>Proc. of the Nat. Acad. of Sci.</i>	2003
2002	Eddy Timmermans (Winner)	T-4	"Degenerate Fermion Gas Heating by Hole Creation"	<i>Phys. Rev. Letters</i>	2001
2000	Gerardo Ortiz (Winner)	T-11	"Exchange-Correlation Hole in Polarized Insulators: Implications for the Microscopic Functional Theory of Dielectrics"	<i>Phys. Rev. Letters</i>	1998
1998	Brian Kendrick (Winner)	T-12	"The Geometric Phase Effects in H+O2 Scattering"	<i>J. of Chem. Phys.</i>	1996
1993	John Pearson (Winner)	T-CNLS	"Complex Patterns in a Simple System"	<i>Science</i>	1992
1990	Michael Mattis (Winner)	T-8	"Summing Graphs in Large-Nc Quantum Hydrodynamics"	<i>Phys. Rev. Letters</i>	1990
1986	Willy Benz (Winner)	T-6	"The Origin of the Moon and the Single-Impact Hypothesis I"	<i>Icarus</i>	1986
1984	Sumitendra Mazumdar (Winner)	T-CNLS	"Electron-Electron Interaction Effects on Peierls Dimerization in a Half-Filled Band"	<i>Phys. Rev. Letters</i>	1984
1982	Joel Tohline (Winner)	T-6	"The Orientation of Gas Disks in Tumbling Prolate Galaxies"	<i>Astrophys. Journal</i>	1982
1980	Joe Kiskis (Winner)	T-8	"Comments on the Classical Gauge Field with Sources"	<i>Phys. Rev. Letters</i>	1980
1978	Micah Dembo (Winner)	T-10	"A Kinetic Model of Cooperativity in Aspartate Transcarbamylase"	<i>Biophys. Journal</i>	1977
1976	Harold Galbraith (Winner)	T-10	"Statistical Weights for Octahedral Spherical-Top Molecules"	<i>J. of Molecular Spectros.</i>	1975